

REMARKS

Reconsideration and allowance are respectfully requested in light of the following remarks.

At the outset, the Applicants wish to thank the examiner for the courtesy shown to their representatives during a personal interview on August 17, 2005. During this interview, it was agreed that the present claims, amended as noted above, would be allowable over the applied prior art of record. The following includes a summary of the discussion during the interview.

Claims 1 and 2 have been amended for clarity. Also, claims 1-3 have been amended such that all elements are now in non-means-plus-function format. These amendments are deemed to be non-narrowing, and no estoppel should be deemed to attach thereto.

Claims 1 and 4 were rejected under 35 USC 103(a) as being unpatentable over Zhou et al. in view of Tachiuchi, and claims 2, 3 and 5 were rejected under 35 USC 103(a) as being unpatentable over Zhou et al. in view of Tachiuchi and Bianchi.

The applicant respectfully traverses these rejections because the applied references fail to teach or suggest, *inter alia*, the feature recited in claims 1, 2 and 4 of a plurality of image processing means that each convert parallel image data to serial

image data based on the frequency of a clock signal outputted from an associated variable frequency generation means.

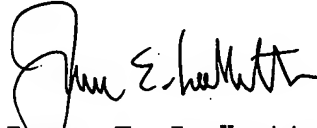
As agreed during the interview, while Zhou's parallel processors (406A, 406B, 406C, 406D) together process data output from registers 202A, 202B, 202C and 202D, Zhou lacks any teaching or suggestion of a plurality of image processing sections wherein each image processing section converts parallel image data to serial image data based on the frequency of a clock signal outputted from an associated variable frequency generation section. Moreover, Tachiuchi and Bianchi are not cited in the Office Action to supplement Zhou's lack of teachings on this point and thus do not cure the deficiencies of Zhou.

Accordingly, the Applicant respectfully submits that the applied references, considered alone or in combination, do not teach or suggest the subject matter defined by claim 1. Independent claims 2 and 4 similarly recite the above-described feature distinguishing claim 1 from the applied reference. Therefore, allowance of claims 1, 2, and 4 and all claims dependent therefrom is warranted.

In view of the above, it is submitted that this application is in condition for allowance and a notice to that effect is respectfully solicited.

If any issues remain which may best be resolved through a telephone communication, the Examiner is requested to telephone the undersigned at the local Washington, D.C. telephone number listed below.

Respectfully submitted,



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JEL/DWW/att

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